

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	142153	(resolution\$4 or expand\$6 or enlag\$6 or reduc\$4 or zoom\$4)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or sampl\$4 or cut\$4)same(chroma\$6 or color\$2 or colour\$4 or RGB\$2 or ton\$4 or grey\$3 or gray\$3 or black\$3 or whit\$3)	US-PGPUB; USPAT	OR	ON	2007/08/21 15:37
L2	13945	1 same(word\$4 or character\$4 or foreground\$4 or background\$4)	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
L3	2253	2 same(classif\$6 or recogni\$6 or identif\$6 or designat\$6)	US-PGPUB; USPAT	OR	ON	2007/08/21 15:59
L4	849	3 same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3 or eliminat\$6 or sharp\$4)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:03
L5	319	4 same(calculat\$4 or comput\$6 or measur\$6 or estimat\$6)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
L6	240	5 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 )	US-PGPUB; USPAT	OR	ON	2007/08/21 16:05
L7	155	6 same( bright\$6 or luminan\$4 or intens\$4 or saturat\$4 or light\$4 or optic\$4)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:07
L8	33	7 same(neighbor\$6 or adjacent\$4 or surround\$3 or near\$4)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:08
L9	1	"5701365".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:11
L10	1	"5701365".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:11
L11	1	"6971063".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:26
L12	1	"6853980".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:26
L13	1	"6826727".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:27
L14	1	"6750875".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:27
L15	1	"6750875".PN.	USPAT; USOCR	OR	ON	2007/08/21 16:27
L16	1	"6993542".PN.	USPAT; USOCR	OR	ON	2007/08/21 17:31
L17	1	"6065029".PN.	USPAT; USOCR	OR	ON	2007/08/21 17:31

## EAST Search History

L18	1	"5706218".PN.	USPAT; USOCR	OR	ON	2007/08/21 17:31
L19	1	"6173388".PN.	USPAT; USOCR	OR	ON	2007/08/21 17:32


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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Robust human detection within a highly dynamic aquatic environment in real time**  
How-Lung Eng; Junxian Wang; Wah, A.H.K.S.; Wei-Yun Yau;  
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2. **Collision detection in complex dynamic scenes using an LGMD-based visual neural network with feature enhancement**  
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3. **Background noise suppression for signal enhancement by novelty filtering**  
Hanseok Ko; Arozullah, M.;  
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4. **Multi-moving targets detecting and tracking in a surveillance system**  
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Volume 6, 15-19 June 2004 Page(s):5253 - 5257 Vol.6  
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5. **Enhanced dynamic FDG-PET tumor detection with constrained temporal filtering**  
Chen, J.; Yu, X.; Tohme, M.; Park, R.;  
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6. **Extraction of the focused object in an image by filtering out the defocused background**  
Shih-Min Kao; TaiKang Ning; Cheng-Wen Wu; Hui Peng;  
Speech, Image Processing and Neural Networks, 1994. Proceedings, ISSIPNN '94., 1994 International Symposium  
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13-16 April 1994 Page(s):53 - 56 vol.1  
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7. **Revised Radiometric Calibration Technique for LANDSAT-4 Thematic Mapper Data**  
Murphy, Jennifer M.; Butlin, Trevor; Duff, Paul F.; Fitzgerald, Anthony J.;  
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8. **Signal Sequence Detection Given Noisy, Common Background Image Sets**  
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9. **Effect of signal contamination in matched-filter detection of the signal on a cluttered background**  
Theiler, J.; Foy, B.R.;  
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10. **Tumor detection in nonstationary backgrounds**  
Strickland, R.N.;  
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11. **Video segmentation for content-based coding**  
Meier, T.; Ngan, K.N.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 9, Issue 8, Dec. 1999 Page(s):1190 - 1203

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12. **Stochastic model-based processing for detection of small targets in non-Gaussian natural imagery**  
Chapple, P.B.; Bertilone, D.C.; Caprari, R.S.; Newsam, G.N.;  
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13. **Background model initialization in moving object detection with shadow elimination**  
Yunda Sun; Ming Li; Wei Wu; Baozong Yuan; Xiaofang Tang;  
Signal Processing, 2004. Proceedings. ICSP '04. 2004 7th International Conference on  
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14. **Novel region-based modeling for human detection within highly dynamic aquatic environment**  
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15. **Motion detection and segmentation using image mosaics**  
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16. **Postinjection attenuation correction using singles transmission on a positron tomograph without interplanar septa**  
deKemp, R.A.; Beanlands, R.S.;  
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17. **<sup>131</sup>I tumor quantification: a new background-adaptive method**  
Koral, K.F.; Dewaraja, Y.; Shuhong Lin;  
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18. **Automatic extraction of filled information from bankchecks**  
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19. **CO2laser preamplifier capabilities for low-level 10.6- $\mu$ m direct-detection receivers**  
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20. **Point source detection and characterization for vehicle radiation portal monitors**  
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21. **Moving Target Detection Based on Background Modeling by Multi-level Median Filter**  
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22. **Motion compensated background filtering for real time tracking in moving background sequences**  
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23. **An adaptive skin color detection algorithm with confusing backgrounds elimination**  
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24. **GPR clutter reduction and buried target detection by improved Kalman filter technique**  
Yuan Luo; Guang-You Fang;  
Machine Learning and Cybernetics, 2005. Proceedings of 2005 International Conference on  
Volume 9, 18-21 Aug. 2005 Page(s):5432 - 5436 Vol. 9  
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25. **Implementation and performance of the event filter muon selection for the ATLAS experiment at LHC**  
Ventura, A.; Armstrong, S.; Assamagan, A.; Baines, J.T.M.; Bee, C.P.; Bellomo, M.; Biglietti, M.; Bogaerts, J.A.; Boisvert, V.; Bosman, M.; Carlino, G.; Caron, B.; Casado, P.; Cataldi, G.; Cavali, D.; Cervetto, M.; Comune, G.; Conde Muino, P.; Conventi, F.; De Santo, A.; de Seixas, J.M.; Diaz Gomez, M.; Di Mattia, A.; dos Anjos, A.; Dosil, M.; Ellis, N.; Emeliyanov, D.; Epp, B.; Falciano, S.; Farilla, A.; George, S.; Ghete, V.; Gonzalez, S.; Grothe, M.; Kabana, S.; Khomich, A.; Kilvington, G.; Konstantinidis, N.; Kootz, A.; Lowe, A.; Luminari, L.; Maeno, T.; Masik, J.; Meessen, C.; Mello, A.G.; Merino, G.; Moore, R.; Morettini, P.; Negri, A.; Nikitin, N.; Nisati, A.; Padilla, C.; Panikashvili, N.; Parodi, F.; Perez Reale, V.; Pinfold, J.L.; Pinto, J.L.; Primavera, M.; Qian, Z.; Resconi, S.; Rosati, S.; Sanchez, C.; Santamarina, C.; Scannicchio, D.A.; Schiavi, C.; Segura, E.; Sivoklov, S.; Soluk, R.; Stefanidis, E.; Sushkov, S.; Sutton, M.; Tapprogge, S.; Thomas, E.; Touchard, F.; Venda Pinto, B.; Vercesi, V.; Werner, P.; Wheeler, S.; Wicker, F.J.; Wiedenmann, W.; Wielers, M.; Zobernig, G.;  
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